

FIG. 1

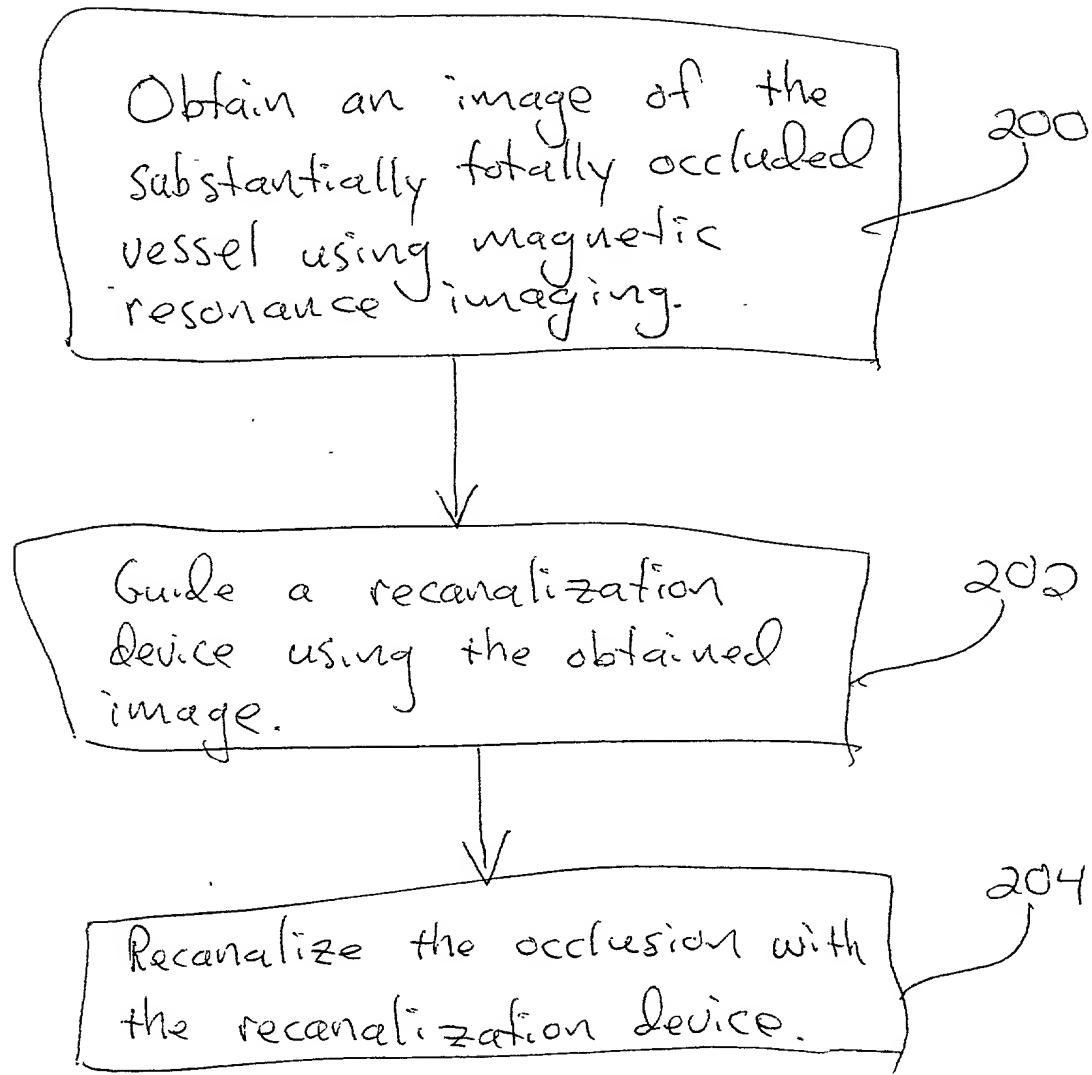


FIG. 2

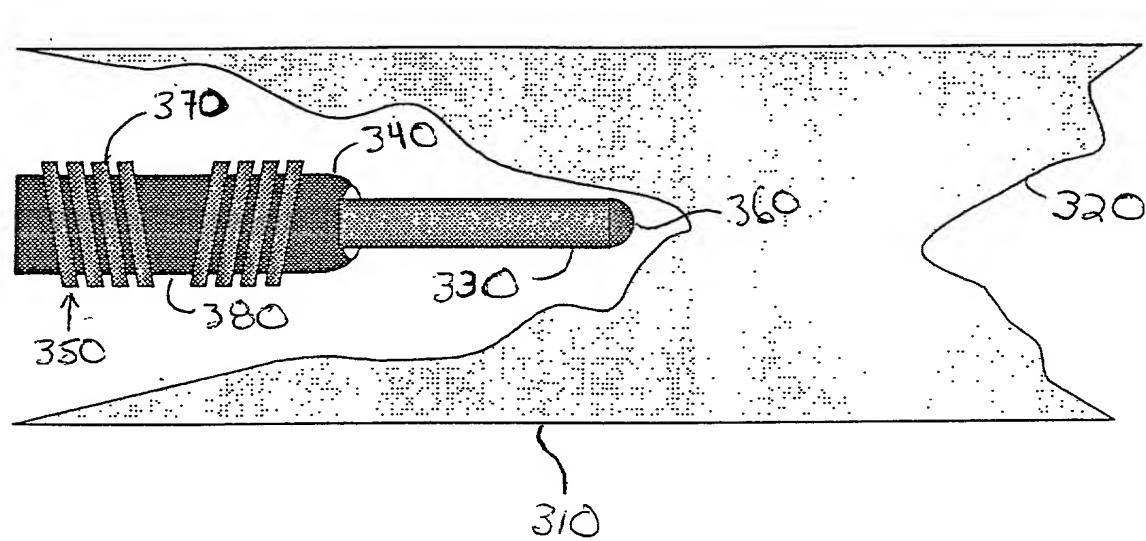


FIG. 3

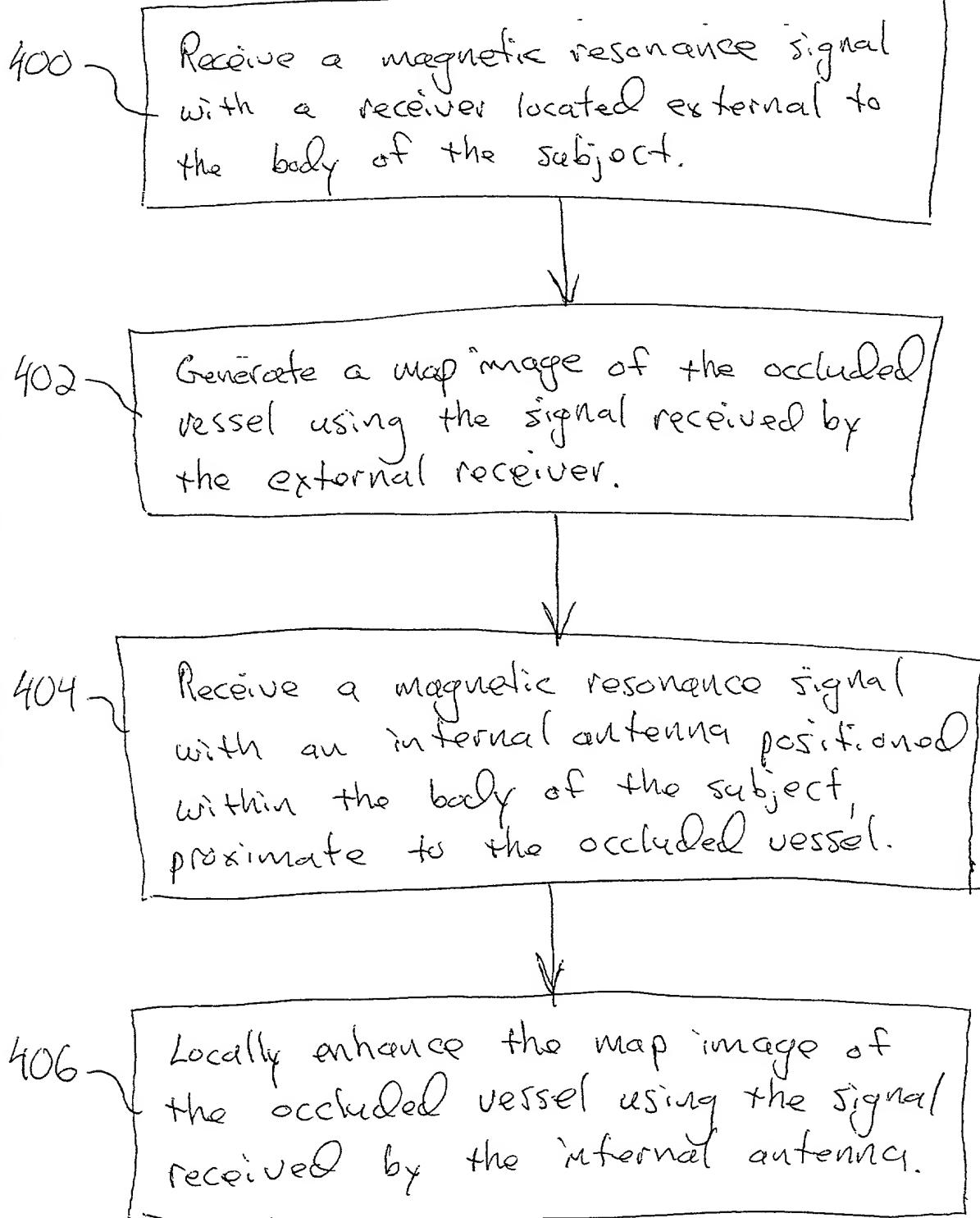


FIG. 4

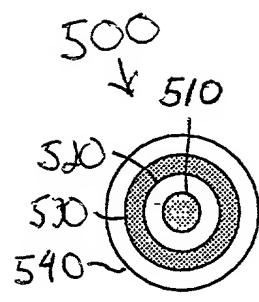


FIG. 5a

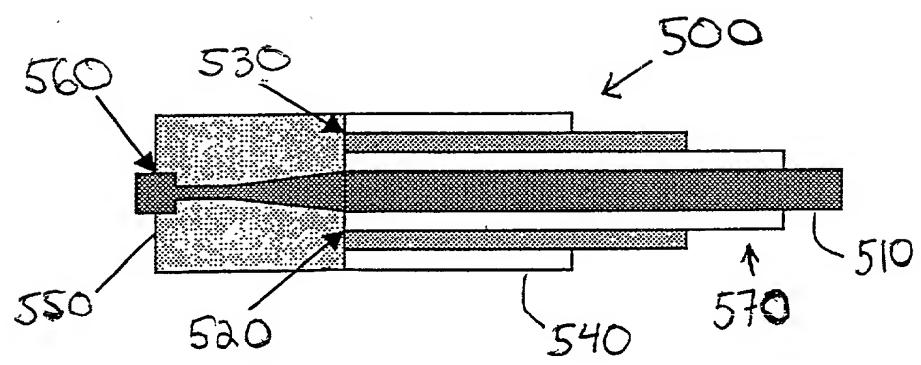


FIG. 5b

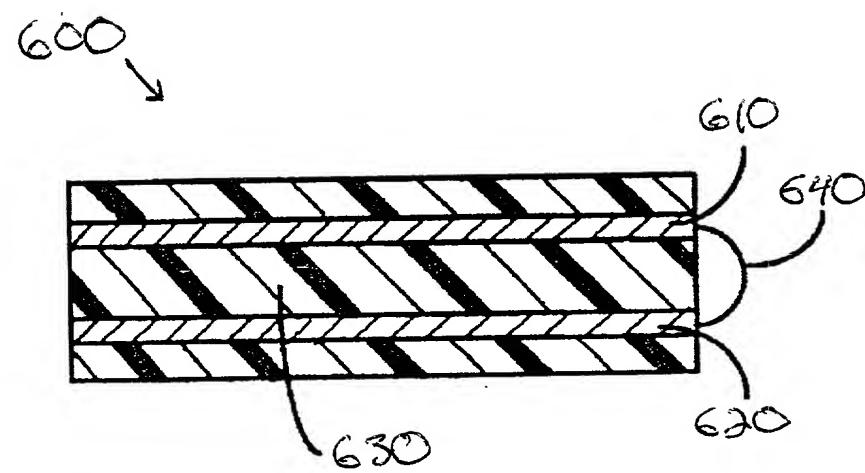


FIG. 6

700

Receive a magnetic resonance signal with a receiver located external to the body of the subject.

702

Generate a map image of the occluded vessel using the signal received by the external receiver.

704

Receive a magnetic resonance signal with an internal antenna positioned within the body of the subject, proximate to the occluded vessel.

706

Generate a local image of the occluded vessel using the signal received by the ~~external receiver~~ internal antenna.

FIG. 7